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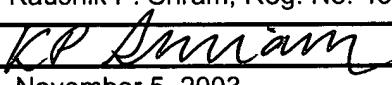
TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/629,268
		Filing Date	July 29, 2003
		First Named Inventor	Paul G. Cairns et al.
		Art Unit	N/A; Confirmation No.: 6684
		Examiner Name	N/A
Total Number of Pages in This Submission	3	Attorney Docket Number	414-29494-US

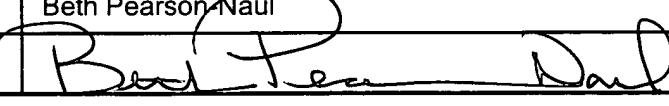
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard; five (5) references
<input type="checkbox"/> Remarks <p>The commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 02-0429 (414-29494-US)</p>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kaushik P. Sriram, Reg. No. 43,150	
Signature		
Date	November 5, 2003	

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Paul G. Cairns et al.	§	Group Art Unit: N/A
SERIAL NO.: 10/629,268	§	
FILED: July 29, 2003	§	Examiner: N/A
TITLE: "Measurement-While-Drilling Assembly Using Real-Time Toolface Oriented Measurements"	§	Confirmation No.: 6684
	§	Atty Docket No.: 414-29494-US

MS: DD
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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record.

This Information Disclosure Statement is not to be considered as a representation that a search has been made or that no other material information as defined under 37 C.F.R. § 1.56(a) exists. The information disclosure statement submitted herewith is being filed before the mailing date of the first office action for this application.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-0429 (414-29494-US).

Respectfully submitted,

Dated: November 5, 2003

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By Beth Pearson-Naul Date



		ATTY. DOCKET NO.	SERIAL NO.
		414-29494-US	10/629,268
INFORMATION DISCLOSURE STATEMENT		APPLICANT	
		Paul G. Cairns et al.	
(Use several sheets if necessary)		FILING DATE	GROUP / CONFIRMATION
		July 29, 2003	N/A / 6684

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,091,644	02/25/92	Minette	250	254	01/15/91
	AB	5,325,714	07/05/94	Lende et al.	73	153	05/12/93
	AC	6,215,120B1	04/10/01	Gadeken et al.	250	256	03/25/99
	AD	6,307,199B1	10/23/01	Edwards et al.	250	269.3	05/12/99
	AE	6,347,282B2	02/12/02	Estes et al.	702	6	12/03/98
	AF						
	AG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AH						
	AI						
	AJ						

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

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EXAMINER

DATE CONSIDERED

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